



# Cleveland Astronomical Society

[www.clevelandastronomicalsociety.org](http://www.clevelandastronomicalsociety.org)

## Thursday, November 6, 2008 Meeting Announcement

6:15—7:00 p.m. – Get acquainted and snacks

7:45—8:00 p.m. – Short Business Meeting

7:00—7:45 p.m. – Buffet Dinner (Reservations Required)

8:00—9:00 p.m. – Featured Speaker (Free to public)

### Leonard Krieger CanalWay Center

4524 East 49<sup>th</sup> Street (turn onto Whittlesey Way to reach Center), Cuyahoga Heights (216-206-1000)

### Speaker: Dr. Geoffrey A. Landis

Research Scientist, NASA Glenn Research Center

## MISSION TO THE SUN

The Solar Probe Plus is a spacecraft with a difficult mission: to probe the corona of the sun. To do this, it will use Venus' gravity sling shots to skim to a distance within nine solar radii (4 million miles) of the sun's surface. This is a challenging environment for operation of a spacecraft, especially for the power system, which must continue to generate power even in the high-temperature environment near the surface of the sun. In his talk Dr. Landis will describe the mission and the approach taken to the power system design.

High School Teachers interested in bringing two students, as our guests, please contact Bob Sledz, President, at 440-333-7827 or [sledzbob@yahoo.com](mailto:sledzbob@yahoo.com) by the Friday prior to the scheduled meeting date.